have associated with it a component distribution for easterly circulation similar to the low temperature pole of northeast Siberia, in the Northern Hemisphere. The intensity of the cold in the south polar regions is undoubted, and the existence of the distribution for an easterly circulation round a high-pressure center, due to the weight of the lower air, follows directly therefrom.

A third effect of the distribution of pressure in lower regions of the atmosphere, and the corresponding air circulation, may perhaps be traced in the series of wind charts of the South Atlantic already referred to, where there is obvious evidence of a tendency of the winds to run tangentially to the coast line. The coast line is equally obviously a line of separation between regions of different surface temperature distribution, and hence a locality of steep temperature gradient. Thence follows a steep pressure gradient for the lower atmosphere, and associated therewith a distribution favorable for the flow of air in opposite senses on the two coast lines for the same latitude.

The division of the atmosphere into an upper and a lower stratum at the 4000-meter level is perfectly arbitrary, and that level is chosen only because M. Tiesserenc de Bort selected it for constructing his charts of mean isobars of the upper air eighteen years ago.6 It is in the region of the clouds of intermediate height and probably does not correspond with any specific discontinuity in the atmospheric layer. It is accordingly remarkable that the separation of the surface, or resultant distribution, into two distributions of opposite type should be so complete when the level of 4000 meters is taken as the surface of separation. It is not desirable to follow out the consequences of small differences that might be found, because the calculation of the isobaric distribution at high levels is itself as yet not susceptible of very great accuracy, and indeed the distribution of pressure at sea level even in the Northern Hemisphere is not entirely free from uncertainty, owing to the uncertainty of the reduction for altitude.

The remarks in this paper refer to the circulation in middle and higher latitudes, because the determining force for steady motion is assumed to be dependent upon the velocity of motion of the air and rotation of the earth. The acceleration computed from these elements contains  $\sin \lambda$  as a factor, and it is therefore without serious influence in the equatorial regions.

It is fortunate that this is so, because the drift of upper air over the equator is generally accepted as being from east to west, and about 80 miles per hour may be assigned as the rate of this drift. From the results of Sir J. Eliot's work on the cloud observations of India,7 it appears that at Simla, in latitude 31° north, the westerly current in the upper air is extraordinarily steady throughout the year, whereas at Madras the upper current shows considerable variation with the season. Between the westerly current at Simla and the easterly equatorial upper current there must be a region where the conditions in the upper air are in many ways similar to the surface conditions in temperate latitudes, that is to say, steady motion would involve the existence of two oppositely directed streams of air at the same level, but in not far distant latitudes. would appear that for rotary storms originating in that region the gradient must depend only upon local centrifugal action and the velocities for given barometric variations must be correspondingly great. I am not sufficiently well acquainted with the sequence of events in a tropical hurricane to be able to follow out the suggestion that those phenomena have their origin in the upper air; I hope to be able on a subsequent occasion to cite examples to show that storms in the region of the minimum pressure in temperate latitudes may arise from special surface conditions, and there is at least some evidence for the correlative origin of tropical hurricanes.

I have made no comparison of the first results of this method of analysis of the average barometric distribution with the conclusions arrived at by Thomson and Ferrel, for the general circulation of the atmosphere, nor with those more recently obtained by Bigelow, because the method of treatment is in some respects novel, and it seems desirable to wait for its further application before making any such comparison. I may remark, however, with regard to the theories of the two authors first mentioned, that a steady circulation around the polar regions requires only the supply of the comparatively small amount of energy necessary to make up the loss occasioned by surface friction, and consequently no great transference of energy from the equatorial regions to middle or higher latitudes in the form of heat or otherwise is demanded for the maintenance of the circulation.

Moreover, I have confined my observations to the barometric distributions for the month of January. So far as I have examined the distributions for July, the conclusions to be drawn from them are in many respects similar, but the separation of the pressure component for easterly circulation from that for westerly is not complete at the 4000-meter level as it is in the case of January.

In conclusion, I desire to acknowledge the assistance I have received from Mr. G. T. Bennett, M. A., of Emmanuel College, Cambridge, with whom I have discussed especially the dynamical questions involved, and from Mr. R. G. K. Lempfert, M. A., and other members of the staff of the Meteorological Office, who have supplied me with much of the material upon which the general conclusions set out in this paper have been based.

## HOURLY CLIMATIC RECORDS ON THE ISTHMUS OF PANAMA.

By Gen. H. L. Abbot, U. S. A., retired. Dated June 4, 1904.

Appreciating the value of the most precise information attainable as to the climatic conditions existing upon the Isthmus, the engineers of the New Company, before resuming canal operations upon a large scale, inaugurated, in July, 1899, a series of automatically recorded, continuous observations at Alhajuela on the upper Chagres River and at La Boca on the Bay of Panama. The early records, which appeared in the Monthly Weather Review for May, 1899, and March, 1903, have given a good general idea of these conditions, but it is only by a long continued hourly study that many important details can be made known. When the canal property was transferred to the United States, in April, 1904, these records of the company covered five years for eight of the months, four years for three of the months, and three years for May. This present paper discusses the data collected.

The two localities are well suited to develop any characteristic differences between the climate of the interior, where the largest works must be executed, and that on the Pacific coast, where is found the largest population. Table 1 presents a general summary of the data collected relative to temperature. It is apparent from the figures not only that the monthly variation is extremely small during the entire year, but also that there is no sensible difference in mean monthly temperatures between the interior and the Pacific coast. There are, however, important differences in the daily range between extremes, which increase from about 9° F. at La Boca to 13° F. at Alhajuela, and also in the critical hours, especially that of extreme heat, which is always earlier in the interior than on the Pacific, and later in the dry than in the rainy season. Figure 1 exhibits these differences to the eye.

During these five years the rainfall was rather less than that indicated for other and longer periods. As there is an intimate relation between rainfall and temperature, Table 2 is added to facilitate comparisons; it should be considered in connection with a similar consolidated table, covering a wider district and many more years, which appeared in the Monthly

<sup>&</sup>lt;sup>6</sup>Annales du Bureau Central Mtéoérologique de France, 1887, Part I, p. C. 1. <sup>7</sup> Indian Meteorological Memoirs, vol. 15, Part I, 1903.

Weather Review for March, 1903. Italicized figures denote interpolations from general means.

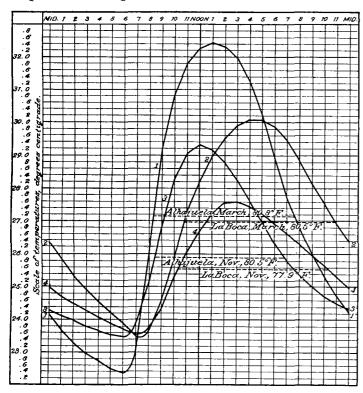


Fig. 1. Table 1.—Summary of monthly mean temperatures. ALHAJUELA.

Month,	No. of years.	Mean daily.	Mean h	ottest.	Mean c	oolest.
January. February March April May June July August September October November December	5 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	78. 8 80. 6 80. 9 81. 1 79. 0 79. 7 79. 1 79. 7 79. 5 78. 8 78. 7	Hour. 1 p. m. noon 1 p. m. noon noon noon	° F. 86, 3 89, 3 90, 4 88, 7 85, 3 86, 6 84, 7 86, 1 86, 6 74, 2 86, 2	Hour. 6 a. m.	F. 72. 1 72. 8 72. 3 74. 3 73. 9 74. 5 74. 7 74. 8 74. 4 73. 7 74. 2 72. 7
Means	4. 6	79. 6	Noon.	86. 7	6 a. m.	73. 7
	LA BOC	A.				
January February March April May June July August September October November December	5	79. 1 80. 2 80. 5 81. 1 80. 7 79. 8 79. 9 79. 4 77. 9 79. 0	4 p. m. 4 p. m. 5 p. m. 4 p. m. 2 p. m. 4 p. m.	84. 0 86. 0 86. 1 85. 9 83. 6 84. 4 84. 0 82. 7 83. 6 82. 6 81. 6 83. 6	7 a. m. 7 a. m. 7 a. m. 7 a. m. 7 a. m. 7 a. m. 6 a. m. 7 a. m. 7 a. m. 6 a. m. 7 a. m. 7 a. m. 6 a. m. 7 a. m.	74. 0 74. 3 74. 3 76. 0 76. 4 76. 6 76. 1 75. 2 74. 4 74. 6 74. 2
Means	4.8	79.6	3 p. m.	84.0	7 a. m.	75. 1

Table 3 is of practical interest in the construction of the canal, since it indicates the number of rainy days to be expected in the different months, so far as this may be inferred from a 5-year record.

Table 4 exhibits the hourly means of temperatures recorded for nearly five years at the two stations, and Table 5 the corresponding means of hourly barometric pressures at Alhajuela. The original units, degrees centigrade, and millimeters are retained.

These tables are arranged to show in the most striking

Table 2.—Rainfall (in inches) at the stations during period of continuous observations. ALHAJUELA.

January								
February	Month.	1889.	1900.	1901.	1902.	1903.	1904.	Means.
March								1, 30
April	February		0.04	0.04		0.16	0. 24	0.16
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	March		0.04	1.81	0.39	0.39	0.59	0.63
June	April		4.09				6. 96	3.94
July	May			15.87	11.30	7.83		11.30
August         10, 19         10, 55         17, 88         9, 45         16, 75         12, 7           September         8, 07         17, 21         15, 91         10, 13         8, 34         12, 0           October         11, 85         13, 27         22, 29         11, 26         15, 51         14, 8           November         10, 78         13, 35         21, 50         18, 66         16, 30         16, 1           December         1, 89         1, 14         4, 87         4, 52         20, 71         6, 8           LA BOCA.           LA BOCA.           Month.         1899.         1900.         1901.         1902.         1903.         1904.         Means           LA BOCA.           LA BOCA.           Magnatury         0, 75         2, 28         5, 19         0, 55         2, 60         2, 2           February         0, 00         0, 75         2, 28         5, 19         0, 55         2, 60         2, 2           February         0, 00         2, 05         3, 11         0, 94         0, 90         0, 95         0, 1           March         0, 00 <t< td=""><td>June,</td><td>.   <b></b> .</td><td>17.84</td><td>12.01</td><td>9.05</td><td>10, 55</td><td></td><td>10. 39</td></t<>	June,	.   <b></b> .	17.84	12.01	9.05	10, 55		10. 39
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	July	11, 69	19.73	7. 95	12.79	19.69		14. 37
Sepiember         8, 07         17, 21         15, 91         10, 13         8, 34         12, 0           October         11, 85         13, 27         22, 29         11, 26         15, 51         14, 8           November         10, 78         13, 35         21, 50         18, 66         16, 30         16, 1           December         1, 89         1, 14         4, 87         4, 52         20, 71         6, 8           Year         109, 30         122, 80         95, 40         116, 00         104, 5           LA BOCA.           LA BOCA           Month.         1899.         1900.         1901.         1902.         1903.         1904.         Means           January         0, 75         2, 28         5, 19         0, 55         2, 60         2, 2           February         0, 00         0, 12         0, 04         0, 00         0, 85         0, 1           March         0, 00         0, 12         0, 04         0, 00         0, 85         0, 1           March         0, 00         2, 05         3, 11         0, 04         4, 99         2, 0           April         2, 24         4, 09<			10.55	17. 88	9.45	15.75	1	12.70
October         11.85         13.27         22.29         11.26         15.51         14.85           November         10.78         13.35         21.50         18.66         16.30         16.1           December         1.89         1.14         4.87         4.52         20.71         6.6           Year         109.30         122.80         95.40         116.00         104.5           LA BOCA.           Month.         1899.         1900.         1901.         1902.         1903.         1904.         Means           January         0.75         2.28         5.19         0.55         2.60         2.2         February         0.00         0.72         0.04         0.00         0.85         0.1           March         0.00         2.05         3.11         0.04         4.99         2.0           April         2.24         4.09         5.19         1.26         7.75         4.0           May         11.22         7.20         9.88         6.69         8.7           July         15.83         9.76         5.35         2.48         6.1           July         15.83         9.			17.21	15. 91	10.13	8.34		12.0
November			13. 27	22, 29	11. 26	15. 51		14.84
December         1.89         1.14         4.87         4.52         20,71         6.8           Year         109.30         122.80         95.40         116.00         104.5           LA BOCA.           Month         1899.         1900.         1901.         1902.         1903.         1904.         Means           January         0.075         2.28         5.19         0.55         2.60         2.2           February         0.00         0.72         0.04         0.00         0.35         0.1           March         0.00         2.07         3.11         0.04         4.99         2.0           April         2.24         4.09         5.19         1.26         7.75         4.0           May         11.22         7.20         9.88         6.69         8.7           Jule         8.89         7.67         5.43         2.48         6.1           July         15.83         9.76         5.35         7.00         9.4           August         5.98         5.39         4.17         14.68         7.5           September         6.14         9.01         6.76         4.32         6.5			13.35	21.50	18.66	16.30		16. 14
LA BOCA.    Month.   1899.   1900.   1901.   1902.   1903.   1904.     Means			1.14	4. 87	4. 52	20. 71		6. 61
Month.         1899.         1900.         1901.         1902.         1903.         1904.         Means           January         0.75         2.28         5.19         0.55         2.60         2.2           February         0.00         0.72         0.04         0.00         0.85         0.1           March         0.00         2.05         3.11         0.04         4.99         2.0           April         2.24         4.09         5.19         1.26         7.75         4.0           May         11.22         7.20         9.88         6.69         8.7           Jule         8.89         7.67         5.43         2.48         6.1           July         15.83         9.76         5.35         7.00         9.4           August         5.98         5.39         4.17         14.68         7.5           September         6.14         9.01         6.76         4.32         6.5           October         11.97         11.34         10.67         4.87         9.7	Year	.	109. 30	122, 80	95. 40	116.00	····	104.50
January         0.75         2.28         5.19         0.55         2.60         2.2           February         0.00         0.12         0.04         0.00         0.85         0.1           March         0.00         2.05         3.11         0.04         4.99         2.0           April         2.24         4.09         5.19         1.26         7.75         4.0           May         11.22         7.20         9.88         6.69         8.7           June         8.89         7.67         5.43         2.48         6.1           July         15.83         9.76         5.35         7.00         9.4           August         5.98         5.39         4.17         14.68         7.5           September         6.14         9.01         6.76         4.32         6.5           October         11.97         11.34         10.67         4.87         9.7		,	LA BOC	Α.				
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Mouth.	1899.	1900.	1901.	1902.	1903,	1904.	Means.
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Tanuary		0.75	0.00	5 19	0.55	2 80	9 99
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Fahruary		0.00					
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$								
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$								
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$								
July         15.83         9.76         5.35         7.00         9.4           August         5.98         5.39         4.17         14.68         7.5           September         6.14         9.01         6.76         4.32         6.5           October         11.97         11.34         10.67         4.87         9.7								
August         5.98         5.39         4.17         14.68         7.5           September         6.14         9.01         6.76         4.32         6.5           October         11.97         11.34         10.67         4.87         9.7								
September         6.14         9.01         6.76         4.32         6.5           October         11,97         11,34         10,67         4.87         9.7								
October 11. 97 11. 34 10. 67 4. 87 9. 7								
							)	
	November			14.64	11.41	8.66		10.90

Table 3.—Number of rainy days during the continuous records. A LH A IUEL A

14. 64 3. 70

77. 25

8.93 4,32

76.26

11. 41 2. 80

70.00

59.17

Month 1899 1900 1901 1902 1903 1904 Month														
Month.	1899.	1900.	1901.	1902.	1903.	1904.	Means.							
January		8	5	7	4	12								
February March		1	3	2	3	2								
April		9	5	16	3	10	:							
May		18	25	22	22		2							
June		24	22	27	24		2							
July	20	26	21	23	29		2							
August		22	25	20	27									
September		19	23	18	18									
October		20	26	26	$^{23}$		2							
November	21	20	27	24	27		2							
December	11	10	16	12	25		1.							
Year		178	199	200	207		19							

	1	LA BOC.	١				
Month.	1899.	1900.	1901.	1902.	1903.	1904.	Means.
January		2	6	s	5	9	6
February			1	1	0	3	1
March			4	4	1	[ 10	4
April		5	7	6	5	13	7
May		6	14	12	18	1	12
June		17	18	7	9		13
July		9	17	8	24		15
August		10	16	21	21		17
September	20	[ <b></b>	19	14	15	l	17
October	18	. <i>.</i>	22	20	21		20
November		l <b></b>	19	17	20		18
December		[]	11	7	19		īĭ
Year	10	09	154	125	158		141

manner the extraordinary uniformity of the climate. The absolute extreme range of temperature recorded hourly during the entire period was at Alhajuela from 97.4° F. to 63.2° F. (36.3° to 17.3° C.), and at La Boca from 95.2° F. to 68.2° F. (35.1° C. to 20.1° C.), both including a normal horary variation of about 13° at the former and 9° at the latter. The barometric extreme oscillation, during the same period, ranged from 30.12 to 29.68 inches, also including the normal horary variation of about one-tenth of an inch. All these extremes occurred in the dry season, including February, March, and April.

It should be noted that the barometric records, as given, should be reduced by 5.65 millimeters for instrumental error, and increased about 3.7 millimeters for height above mean tide (143 feet), making a total residual correction of -1.95 millimeters. Figures in full-face type are extremes.

## MONTHLY WEATHER REVIEW.

Table 4.—Temperature at Alhajuela, in degrees centigrade.

				January							epres 'ebruar							March.			
Hours.	1899.	1900.	1901.	1902.	1903.	1904.	Mean.	1899.	1900.	1901.	1902.	1903.	1904.	Mean.	1899.	1900.	1901.	1902.	1903.	1904,	Mean.
1 a. m		22, 24 21, 92 21, 60 21, 35 21, 14 20, 97 20, 97 22, 57 24, 83 26, 84 28, 20 29, 00 29, 35 29, 35 29, 35 29, 35 29, 35 29, 34 20, 21, 20, 20, 20, 20, 20, 20, 20, 20, 20, 20	22. 48 22. 16 21, 90 21, 65 21, 47 21, 28 22, 20 25, 66 30, 14 30, 52 30, 50 30, 04 29, 61 28, 87 27, 52 24, 18 23, 25 24, 18 23, 25 22, 82 25, 61	22. 24 22. 07 21. 79 21. 77 21. 76 22. 70 21. 76 22. 70 24. 44 26. 05 26. 77 27. 74 27. 75 27. 45 27. 07 26. 66 25. 78 24. 99 24. 06 23. 54 24. 23. 09 22. 81 22. 57 22. 40	24. 70 24. 19 23. 74 23. 35 24. 16 26. 26. 26. 32 29. 78 30. 55 31. 26 31. 40 31. 18 30. 80 29. 95 29. 15 28. 83 27. 77 26. 99 25. 25 27. 38	25. 46 25. 15 24. 86 24. 63 24. 40 24. 24 24. 41 26. 01 28. 28 29. 07 30. 80 31. 43 31. 65 31. 57 31. 34 82. 72 28. 87 28. 87 28. 17 26. 87 28. 87 26. 87 26. 87 26. 87 26. 87 26. 87 26. 87 27. 87	23. 42 23. 10 22. 80 22. 55 22. 36 22. 28 22. 29 27. 18 28. 52 29. 41 29. 96 29. 71 29. 26 28. 40 27. 51 26. 56 28. 40 27. 51 26. 56 28. 40 27. 51 26. 56 28. 52 27. 51 26. 56		30. 73 31. 05	22, 43 22, 03 21, 70 21, 55 21, 39 21, 16 21, 59 24, 67 27, 83 30, 39 30, 81 31, 11 31, 14 30, 66 30, 39 27, 51 26, 82 27, 51 26, 82 27, 53 28, 87 27, 53 28, 87 27, 53 28, 88 29, 88 20, 88 21, 88 21, 88 22, 88 28, 88, 88 28, 8		30, 94 29, 40 28, 42 27, 54 26, 72 26, 00 25, 33 24, 85	25. 76 25. 46 25. 10 24. 76 24. 48 24. 27 24. 48 26. 86 29. 57 31. 16 32. 55 32. 99 32. 41 31. 67 32. 68 29. 63 22. 42 28. 22 28. 22 28. 26. 66 29. 57 32. 41 31. 67 32. 68 29. 63 29. 63 28. 82 29. 63 28. 82 29. 63 28. 82 29. 63 28. 82 29. 63 28. 82 29. 63 28. 82 29. 63 29. 63 20. 6	23, 80 23, 49 23, 22 23, 00 22, 78 22, 64 23, 39 26, 32 29, 10 30, 47 31, 17 31, 53 31, 82 31, 87 30, 81 29, 67 28, 58 27, 43 26, 59 24, 63 24, 21 27, 04		28. 11 22. 86 22. 66 22. 52 22. 31 22. 22 22. 94 26. 12 28. 80 30. 18 30. 87 31. 34 31. 34 31. 30. 90 29. 48 29. 48 25. 75 25. 70 24. 38 29. 48 25. 75 25. 70 26. 75 25. 70 26. 75 26. 75 27. 70 28. 80 29. 48 29. 48 29. 48 20. 20. 20. 20. 20. 20. 20. 20. 20. 20.	28, 22 22, 82 22, 25 21, 28 21, 58 22, 01 25, 04 28, 72 30, 62 31, 78 31, 71 31, 24 31, 60 31, 78 31, 71 31, 24 31, 60 26, 30 27, 06 28, 48 24, 82 24, 24 28, 84 26, 58		22. 95 22. 47 22. 06 21. 83 21. 65 22. 74 25. 44 28. 69 30. 72 32. 12 32. 86 33. 16 33. 16 33. 08 32. 65 33. 19 29. 33 27. 89 26. 81 25. 82 25. 99 24. 37 24. 37 24. 37 25. 89 26. 81 27. 89 27. 89 27	25. 23 24. 86 24. 46 24. 12 24. 09 25. 00 25. 00 27. 33 30. 39 31. 71 32. 76 33. 45 33. 45 33. 12 30. 28 29. 10 28. 34 29. 10 28. 34 26. 83 26. 83 26. 83 26. 83 26. 83 26. 83 26. 83 26. 85 26. 83	23. 63 23. 25 22. 94 22. 74 22. 27 23. 17 25. 98 29. 15 30. 81 31. 75 32. 43 32. 23 32. 36 31. 98 31. 27 30. 23 22. 77 30. 23 22. 77 30. 23 24. 67 25. 28 26. 79 27. 70 28. 18 28. 18 28
Maximum Minimum		32, 30 18, 90	31, 90 18, 40	30. 80 19. 00	33. 80 20. 10	33, 90 22, 00	33. 90 18. 40		33. 30 19. 00	33. 00 19. 00		34. 00 21. 20	34. 90 21, 40	34. 90 19. 00		34, 00 18, 00	33, 30 18, 80	· · · · · · · · ·	35, 20 17, 70	36, 30 19, 90	36, 30 17, 70
Days of record		All.	All.	All.	30	All.			All.	All.		15	All.			All.	All.		30	All.	
				April.							May.							June.			_ <del></del>
1 a. m. 2 a. m. 3 a. m. 4 a. m. 5 a. m. 6 a. m. 7 a. m. 8 a. m. 10 a. m. 11 a. m. Noon. 1 p. m. 2 p. m. 3 p. m. 4 p. m. 5 p. m. 6 p. m. 7 p. m. 8 p. m. 9 p. m. 10 p. m. 11 p. m. 11 p. m. 12 p. m. 13 p. m. 14 p. m. 15 p. m. 16 p. m. 17 p. m. 18 p. m. 19 p. m. 10 p. m. 11 p. m. 11 p. m. 11 p. m. 12 p. m. 13 p. m. 14 p. m. 15 p. m. 16 p. m. 17 p. m. 18 p. m. 19 p. m. 10 p. m. 11 p. m. 11 p. m. 11 p. m. 12 p. m. 13 p. m. 14 p. m. 15 p. m. 16 p. m. 17 p. m. 18 p. m. 19 p. m. 19 p. m. 10 p. m. 11 p. m. 11 p. m. 11 p. m. 11 p. m. 12 p. m. 13 p. m. 14 p. m. 15 p. m. 16 p. m. 17 p. m. 18 p. m. 19 p. m. 19 p. m. 10 p. m. 11 p. m. 12 p. m. 13 p. m. 14 p. m. 15 p. m. 16 p. m. 17 p. m. 18 p. m. 19 p. m. 19 p. m. 10 p. m. 11 p. m. 11 p. m. 11 p. m. 12 p. m. 13 p. m. 14 p. m. 15 p. m. 16 p. m. 17 p. m. 18 p. m. 19 p. m. 19 p. m. 10 p. m. 11 p. m. 11 p. m. 11 p. m. 12 p. m. 13 p. m. 14 p. m. 15 p. m. 16 p. m. 17 p. m. 18 p. m. 19 p. m. 19 p. m. 10 p. m. 10 p. m. 11 p. m. 11 p. m. 11 p. m. 11 p. m. 12 p. m. 13 p. m. 14 p. m. 15 p. m. 16 p. m. 17 p. m. 18 p. m. 19 p. m. 19 p. m. 10 p. m. 10 p. m. 11 p. m. 11 p. m. 11 p. m. 12 p. m. 13 p. m. 14 p. m. 15 p. m. 16 p. m. 17 p. m. 17 p. m. 18 p. m. 19 p. m. 19 p. m. 10 p. m. 10 p. m. 11 p. m. 11 p. m. 11 p. m. 12 p. m. 13 p. m. 14 p. m. 15 p. m. 16 p. m. 16 p. m. 17 p. m. 17 p. m. 18 p. m. 19 p. m. 19 p. m. 10 p. m. 10 p. m. 11 p.		31. 52	23, 56 23, 25 22, 93 22, 63 22, 38 22, 25 26, 10 28, 87 30, 10 30, 75 31, 17 31, 47 31, 31 30, 70 30, 08 28, 97 27, 74 26, 88 26, 31 25, 59 25, 01 24, 46 24, 01 26, 67 33, 30 18, 70 All.	25. 65 25. 41 25. 18 25. 04 24. 68 24. 69 24. 62 25. 07 27. 27. 98 29. 13 30. 19 30. 09 29. 88 29. 41 28. 80 27. 48 27. 48 27. 48 27. 63 26. 33 26. 01 27. 24 33. 60 22, 90	24, 52 24, 13 28, 78 23, 48 23, 21 23, 06 24, 53 27, 81 30, 67 32, 28 33, 56 33, 87 33, 36 33, 77 33, 33 32, 74 31, 36 30, 04 28, 61 27, 62 26, 74 21, 51 28, 28 36, 80 All.	24. 87 24. 45 24. 35 24. 08 24. 00 27. 14 28. 17 29. 07 29. 71 30. 01 30. 19 29. 89 29. 39 29. 39 29. 39 25. 47 26. 46 25. 47 25. 18 27. 44 26. 90 25. 47 25. 18 27. 48 27. 49 27. 49 28. 12 27. 49 28. 27. 49 29. 29 29. 39 29. 39 20. 30 20. 3	24, 50 24, 10 23, 94 23, 69 23, 51 25, 47 24, 58 26, 68 28, 71 30, 02 30, 81 31, 25 31, 52 31, 49 31, 13 30, 60 29, 68 28, 66 27, 64 26, 29 24, 21 27, 30 36, 80 18, 00		23, 38 23, 15 22, 95 22, 74 22, 80 23, 18 26, 96 28, 23 28, 93 28, 93 28, 57 28, 57 28, 57 26, 58 27, 81 27, 19 26, 58 25, 90 26, 58 24, 73 24, 73 23, 77 23, 77 23, 77 23, 77 23, 77 23, 77 24, 60 20, 60 20	23, 52 23, 27 23, 12 23, 10 22, 80 23, 17 24, 63 26, 53 28, 39 28, 85 22, 74 28, 74 28, 76 27, 29 27, 07 26, 22 24, 71 24, 35 25, 12 24, 78 23, 78 23, 78 23, 78 24, 92 24, 71 24, 02 23, 78 24, 02 24, 71 24, 02 24, 71 24, 02 24, 71 24, 02 25, 12 26, 04 21, 00 21, 00 21		25, 80 27, 72 29, 15 30, 21 30, 87 30, 87 30, 64 29, 39 26, 87 26, 87 26, 89 25, 69 25, 69 27, 25 35, 69 27, 25		23. 89 23. 66 23. 50 23. 34 25. 19 27. 07 28. 59 29. 45 29. 45 29. 14 27. 79 27. 16 26. 42 25. 78 25. 28 24. 56 24. 30 23. 73 26. 11 35. 00 20. 00 All.		24. 01 23. 83 23. 67 23. 56 23. 56 24. 17 25. 84 27. 37 29. 14 29. 97 29. 97 29. 27 29. 27 29. 27 20. 28 21. 29 26. 03 24. 40 24. 12 26. 07 34. 50 21. 30 All.	23, 45 23, 26 23, 26 23, 28 22, 33 22, 78 23, 88 25, 45 27, 26 28, 20 28, 61 27, 79 27, 79 27, 79 27, 79 27, 16 26, 54 25, 15 24, 19 23, 88 24, 19 23, 88 24, 19 25, 45 24, 19 25, 45 26, 41 27, 41 28, 41 29, 41 20, 41 21, 41 21, 41 21, 41 21, 41 21, 41 22, 45 24, 41 25, 45 26, 45 27, 45 28, 41 28, 41 29, 41 29, 41 29, 41 20, 41 21, 41 21	23, 30 20	24. 66 24. 47 24. 31 24. 17 24. 03 24. 15 25. 55 27. 62 29. 34 30. 63 31. 34 31. 15 30. 80 30. 22 27. 90 27. 90 25. 48 25. 24 97 27. 30 27. 30 27. 30 27. 30 28. 32 29. 34 25. 40 25. 40 26. 36 27. 30 27. 30 28. 32 29. 36 29. 36 20. 36		24. 32 24. 14 23. 95 23. 81 23. 68 24. 56 26. 27 28. 03 30. 13 30. 01 29. 42 30. 13 30. 01 29. 42 30. 25 30. 21 24. 56 25. 82 25. 82 25. 82 25. 83 25. 81 24. 55
		,		July.							August.	<del></del>			-			eptembe	r.		
1 a, m 2 a, m 3 a, m 4 a, m 5 a, m 6 a, m 7 a, m 8 a, m 9 a, m 10 a, m 11 a, m Noon. 1 p, m 2 p, m 3 p, m 4 p, m 5 p, m 7 p, m 9 p, m 10 p, m 11 p, m	55.4428.09 6.24.89 6.4428.25.25.26.26.26.26.27.41.842.27.28.5.27.28.5.27.28.5.27.28.5.27.28.5.27.28.5.27.28.5.27.28.5.27.28.5.27.28.5.27.28.5.27.28.5.27.28.5.27.28.5.27.28.5.27.28.5.27.28.5.28.5	23, 21 23, 29 22, 29 22, 72 22, 52 22, 90 24, 16 25, 82 27, 09 28, 81 29, 12 28, 61 27, 70 24, 46 25, 73 24, 46 24, 29 28, 23, 73 24, 46 24, 29 25, 17	23. 33 23. 198 23. 198 25. 25. 25. 25. 25. 25. 25. 25. 25. 25.	25, 39 24, 96 24, 76 24, 76 24, 38 24, 78 26, 22 27, 92 30, 02 30, 02 30, 02 30, 02 29, 17 28, 06 27, 46 26, 59 27, 46 26, 59 27, 46 26, 59 27, 61 27, 76 27, 76 27	25. 010 82 4. 653 645 88 8. 0. 653 645 8. 254 8. 254 8. 255 8. 25		24. 54. 520. 24. 04. 04. 23. 78. 24. 24. 25. 27. 26. 27. 27. 27. 27. 27. 27. 27. 27. 27. 27	24, 83 24, 64 24, 42 24, 35 24, 45 25, 25 26, 50 27, 29 29, 76 29, 25 29, 25 29, 25 29, 25 29, 25 29, 25 29, 25 29, 25 29, 25 25, 68 25, 68 25, 68 25, 68 25, 68 25, 68 25, 68 25, 68 25, 68 26, 72 24, 98 26, 72 26, 72 27, 72 28, 72 28	######################################	23, 22 23, 93 22, 87 21, 67 23, 313 27, 035 29, 06 29, 72 28, 30 20, 72 24, 96 24, 21 24, 80 24, 21 24, 80 25, 27 24, 96 24, 21 24, 80 25, 27 28, 38 29, 20 20, 20 20 20, 20 20, 20 20 20, 20 20, 20 2	24, 94 24, 47 24, 47 24, 26 24, 95 24, 90 25, 60 28, 33 29, 64 30, 70 30, 70 30, 70 30, 70 29, 68 27, 69 27, 10 26, 24 25, 89 27, 10 26, 24 25, 89 27, 10 26, 24 25, 89 26, 24 27, 10 26, 24 27, 49 27, 49 27, 49 27, 49 27, 49 27, 49 27, 49 27, 49 27, 49 28, 49 27, 49 28, 49 29, 49 20, 49 21, 49 22, 49 21, 49 22, 49 23, 49 24, 49 25, 89 26, 24 27, 49 27, 49 28, 49 29, 49 20, 40 40 40 40 40 40 40 40 40 40 40 40 40 4	25. 18 25. 60 27. 17. 28. 64 29. 86 30. 61 30. 24 29. 31 22. 42 28. 66 27. 54 27. 09 26. 68 26. 60 26. 60 8		23, 90 23, 82 24, 54 26, 10 27, 89 29, 16 30, 05 29, 23 22, 33 27, 63 26, 92 26, 92 26, 93 26, 93 27, 63 26, 93 27, 63 26, 93 27, 63 26, 93 27, 93 28, 93 28	24, 74 24, 58 24, 21 24, 05 24, 05 25, 46 20, 30, 99 31, 18 28, 83 28, 23 26, 43 26, 44 26, 58 25, 58 25, 26 26, 96	23, 30 23, 10 22, 94 22, 777 22, 60 23, 13 24, 73 20, 51 20, 51 2	23, 05 22, 85 22, 86 22, 49 22, 27 23, 09 26, 80 28, 78 29, 12 28, 16 27, 28 26, 69 25, 16 24, 78 24, 40 25, 16 24, 78 24, 40 25, 16 24, 78 24, 69 25, 16 24, 78 24, 69 25, 16 26, 69 27, 28 28, 16 28, 16 28, 16 28, 16 28, 16 28, 16 28, 16 28, 16 28, 16 28, 18 28, 18 29, 18 20, 18 20, 18 20, 18 21, 18 22, 18 23, 18 24, 18 26, 18 27, 18 28, 18 28	24. 35 24. 13 23. 94 23. 80 23. 674 24. 52 27. 68 28. 83 29. 79 29. 61 29. 26. 67 29. 26. 67 26. 67 25. 30 24. 55 26. 30	31, 60 31, 82 31, 47 30, 71 30, 10 29, 56		24, 34 24, 13 23, 78 23, 78 23, 58 24, 31 25, 77, 77 29, 94 30, 22 29, 67 28, 14 27, 49 26, 71 26, 16 25, 37 26, 16 26, 1
Maximum Minimum	31, 10 22, 00	32, 20 21, 40	32, 90 21, 40	34, 20 22, 60	$\frac{34.00}{22.70}$		34. 20 21. 40	34, 50 21, 90	32, 20 21, 00	32, 20 20, 00	33, 10 23, 00	35, 90 24, 00		35. 90 20. 00	35. 90 22, 00	33, 30 21, 00	32, 80 20, 90	33. 40 22. 00	35. 80 23. 10		35, 90 20, 90
Days of record	27	All.	All.	30	All.	- <b></b>		AII.	A11.	All.	30	All.			All.	All.	All.	All.	All.	· · · · · · ·	All.

TABLE 4.—Temperature at Alhajuela, in degrees centigrade—Continued.

|   |  |  |  |  |  
  |  |  | at Alhajuela, in degrees centigrade—Continu  
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| Hours.  | 1899.  | 1900.  | 1901.  | 1902.  | 1903.  
  | 1904.  | Mean.  | 1899.  
   | 1900.  | 1901.  | 1902.   
    | 1903.   | 1904.   | Mean.  | 1899.  | 1900.  | 1901.   
   | 1902.  | 1903.  | 1904.  | Mean.  
  |  |  |
| 1 a. m  | 23, 85<br>23, 60<br>23, 40<br>23, 24<br>23, 25<br>22, 95<br>25, 81<br>28, 20<br>30, 15<br>30, 15<br>30, 15<br>29, 50<br>29, 66<br>27, 64<br>26, 85<br>26, 22<br>25, 74<br>26, 23<br>24, 63<br>24, 40<br>24, 69<br>26, 00 | 23. 40<br>23. 23<br>23. 07<br>22. 78<br>22. 78<br>22. 62<br>23. 21<br>24. 52<br>26. 92<br>28. 66<br>29. 25<br>28. 26<br>27. 12<br>25. 00<br>24. 74<br>25. 60<br>24. 74<br>24. 43<br>34. 12<br>23. 66<br>23. 25<br>24. 25<br>25. 27<br>25. 26<br>27. 25<br>26. 27<br>25. 26<br>27. 25<br>26. 27<br>26. 27<br>27. 25<br>26. 27<br>27. 27<br>27. 27<br>28. 28. 28. 28. 28. 28. 28. 28. 28. 28.  | 22. 84<br>22. 66<br>22. 46<br>22. 21<br>22. 12<br>21. 94<br>22. 40<br>22. 40<br>22. 40<br>22. 62<br>27. 67<br>28. 14<br>27. 39<br>26. 59<br>44. 72<br>24. 72<br>24. 72<br>25. 33<br>24. 72<br>23. 52<br>23. 52<br>23. 50<br>24. 67   | 23. 81<br>23. 44<br>23. 25<br>24. 25<br>25. 25<br>26. 25<br>27. 10<br>29. 25<br>26. 25<br>26. 26<br>26. 70<br>25. 39<br>24. 62<br>24. 62<br>25. 81   | 26, 39<br>26, 14<br>25, 88<br>25, 58<br>25, 58<br>25, 59<br>27, 29<br>27, 29<br>27, 29<br>29, 06<br>31, 64<br>31, 60<br>31, 61<br>31, 62<br>29, 30<br>28, 64<br>28, 70<br>27, 38<br>26, 66<br>28, 08  |  | 24. 06<br>28. 85<br>28. 65<br>28. 32<br>23. 79<br>25. 703<br>27. 150<br>29. 78<br>29. 78<br>29. 79<br>27. 79<br>26. 49<br>25. 516<br>24. 55<br>24. 51<br>25. 516<br>24. 55<br>24. 51<br>25. 516<br>24. 55<br>24. 51<br>25. 516<br>24. 55<br>24. 51<br>25. 516<br>26. 516<br>27. 516 | 24. 37<br>24. 21<br>24. 06<br>23. 81<br>23. 77<br>24. 16<br>28. 01<br>29. 76<br>530. 12<br>29. 76<br>30. 12<br>29. 20<br>20. 81<br>21<br>21<br>22. 26. 62<br>25. 62<br>24. 43<br>24. 43<br>25. 24. 45<br>26. 62<br>27. 45<br>27. 45<br>2 | 23. 24<br>23. 05<br>22. 88<br>22. 88<br>22. 59<br>22. 48<br>22. 25<br>24. 50<br>25. 91<br>25. 91<br>27. 70<br>27. 70<br>27. 70<br>24. 37<br>24. 37<br>24. 37<br>24. 37<br>24. 37<br>25. 30<br>26. 60<br>27. 37<br>28. 37<br>29. 37<br>20. 37<br>20. 37<br>20. 37<br>20. 37<br>20. 37<br>20 | 22. 77<br>22. 63<br>22. 46<br>22. 20<br>22. 21<br>22. 22<br>22. 23<br>22. 23<br>25. 89<br>27. 72<br>26. 89<br>27. 72<br>26. 89<br>27. 24<br>27. 24<br>27 | 24. 67<br>24. 49<br>24. 31<br>24. 401<br>25. 401<br>25. 401<br>25. 401<br>25. 401<br>25. 401<br>26. 407<br>27. 40   | 28, 66<br>28, 08<br>27, 49<br>27, 04<br>26, 59<br>26, 26<br>25, 93  |         | 24. 12<br>24. 195<br>27. 78<br>23. 25. 25. 25. 25. 25. 25. 25. 25. 25. 25  | 23. 26<br>23. 298<br>22. 77<br>24. 43<br>24. 91<br>24. 93<br>24. 91<br>24. 91<br>24. 93<br>25. 30. 54<br>27. 29<br>28. 30. 54<br>27. 29<br>28. 29<br>28. 29<br>29. 28. 29<br>29. 28. 29<br>29. 28. 29<br>29. 29. 29<br>29. 29. 29<br>29. 29. 29<br>29. 29. 29. 29<br>29. 29. 29. 29. 29. 29. 29. 29. 29. 29. | 22. 78<br>22. 256<br>22. 310<br>221. 87<br>21. 87<br>21. 87<br>221. 87<br>2 | 22, 36<br>222, 11<br>21, 94<br>21, 60<br>21, 63<br>22, 56<br>22, 41<br>25, 73<br>27, 51<br>28, 06<br>27, 77<br>24, 38<br>25, 04<br>25, 04<br>25, 04<br>27, 27, 24, 38<br>28, 07<br>28, 07<br>28, 07<br>29, 20<br>20, 20<br>21, 08<br>21, 08 | 24. 24<br>23. 87<br>23. 54<br>23. 25<br>24. 28<br>22. 91<br>24. 88<br>27. 23<br>30. 33<br>30. 31<br>31. 28<br>30. 41<br>29. 63<br>28. 50<br>27. 46<br>26. 19<br>25. 61<br>25. 61<br>27. 22   | 26. 39<br>25. 22<br>25. 02<br>24. 87<br>24. 55<br>24. 55<br>24. 55<br>27. 26<br>29. 75<br>30. 69<br>30. 51<br>30. 69<br>30. 51<br>29. 74<br>29. 74<br>29. 75<br>27. 36<br>27. 36<br>29. 74<br>29. 20<br>27. 36<br>27. 36<br>27. 36<br>29. 74<br>29. 20<br>27. 36<br>27. 36<br>27 |  | 23. 61<br>23. 35<br>23. 190<br>22. 72<br>22. 61<br>23. 08<br>24. 816<br>28. 56<br>29. 97<br>30. 12<br>29. 19<br>29. 19<br>29. 29. 19<br>28. 28<br>27. 17<br>26. 28<br>25. 64<br>24. 68<br>24. 28<br>25. 64<br>25. 13<br>26. 28<br>27. 17<br>26. 28<br>27. 17<br>26. 28<br>28. 28<br>27. 17<br>26. 28<br>28. 28<br>29. 19<br>20. 28<br>28. 28<br>29. 19<br>20. 28<br>20. |  |  |
| Maximum   | 34. 40   | 31, 60   | 31, 60   | 32. 20   | 34. 80   
  |  | 34, 80   | 33. 00   
   | 31. 40   | 30, 90   | 33, 30  
    | 32, 90  | ·       | 33. <b>3</b> 0   | 33. 00   | 32.00  | 32, 00  
   | 33, 50   | 32, 80<br>21, 20   |  | 83. 50<br>18. 90   
  |  |  |
| Minimum  Days of record   | 21. 90<br>All.   | 20. 80<br>All.   | 20, 60<br>All,   | 21, 80<br>All,   | 23, 00<br>All,   
  | \<br>\   | 20. 60<br>All.   | 22, 50<br>All.   
   | 20. 70<br>All.   | 20, 70<br>All,   | 22, 10<br>All,  
    | 22, 90<br>All,  | ļ       | 20, 70<br>All.   | 18. 90<br>All.   | 19, 80<br>All,   | 19. 00<br>All.  
   | 20. 70   | All.   |  |  
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   | March.   |  |  |  
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| 1 a. m  |  | 22, 20<br>21, 95<br>21, 72<br>21, 91<br>20, 27<br>24, 87<br>26, 42<br>27, 52<br>28, 84<br>28, 84<br>28, 79<br>28, 52<br>27, 91<br>27, 14<br>26, 28<br>27, 91<br>27, 14<br>26, 28<br>27, 91<br>27, 14<br>26, 28<br>27, 91<br>27, 14<br>28, 64<br>28, 64<br>28, 79<br>28, 63<br>28, 64<br>28, 79<br>28, 70<br>28, 70<br>28 | 26, 08<br>25, 63<br>25, 21<br>24, 25<br>24, 25<br>23, 59<br>24, 27<br>25, 59<br>26, 70<br>27, 28<br>29, 30<br>20, 44<br>29, 33<br>29, 44<br>29, 33<br>27, 68<br>27, 68<br>28, 59<br>28, 59<br>28 | 25. 61<br>25. 629<br>25. 61<br>24. 58<br>24. 43. 66<br>24. 24. 68<br>24. 24. 68<br>25. 69<br>25. 68<br>26. 28<br>27. 78<br>28. 68<br>28. | 25. 75<br>25. 33<br>25. 02<br>24. 29<br>24. 29<br>24. 23. 71<br>23. 62<br>23. 90<br>24. 85<br>26. 06<br>27. 96<br>27. 96<br>29. 42<br>29. 42<br>29. 42<br>29. 42<br>29. 42<br>20. 26<br>27. 36<br>27. 36<br>27. 36<br>28. 56<br>27. 36<br>28. 56<br>27. 36<br>28. 56<br>27. 36<br>28. 56<br>27. 36<br>28. 56<br>27. 36<br>28. 56<br>28. 5 | 24. 98<br>24. 64<br>24. 26<br>23. 95<br>23. 67<br>23. 12<br>23. 12<br>23. 22<br>25. 60<br>26. 38<br>27. 07<br>27. 75<br>27. 75<br>27. 79<br>27. 75<br>27. 20<br>26. 37<br>25. 60<br>27. 10<br>26. 37<br>27. 20<br>26. 37<br>27. 20<br>27. 70<br>27. 70<br>27 | 26, 99<br>27, 75<br>28, 33<br>28, 88<br>28, 82<br>28, 67<br>28, 33<br>27, 81<br>26, 75<br>26, 18<br>25, 71<br>26, 18   |  | 25, 09<br>24, 851<br>22, 19<br>22, 19<br>25, 19<br>25, 10<br>27, 17<br>28, 20<br>29, 17<br>28, 20<br>29, 20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>2   | 25, 29<br>24, 79<br>24, 38<br>24, 03<br>23, 71<br>25, 26<br>25, 26<br>26, 26<br>27, 65<br>28, 54<br>29, 19<br>30, 17<br>29, 19<br>30, 17<br>29, 20<br>20, 20<br>21, 21<br>22, 21<br>22, 21<br>23, 21<br>24, 21<br>25, 21<br>26, 21<br>27, 65<br>28, 37<br>29, 19<br>20, 20<br>21, 21<br>21, 21<br>21 | 26, 65<br>26, 22<br>25, 79<br>25, 51<br>24, 64<br>24, 29<br>24, 64<br>25, 69<br>27, 65<br>28, 01<br>28, 57<br>20, 30<br>30, 30<br>30, 23<br>30, 23<br>30, 23<br>30, 23<br>30, 23<br>30, 23<br>30, 23<br>21, 24<br>22, 25<br>27, 24<br>27, 24<br>27, 24<br>27, 24<br>21, 24<br>21 | 26, 02<br>25, 61<br>25, 26<br>24, 90<br>24, 70<br>24, 42<br>24, 21<br>24, 26<br>25, 85<br>26, 90<br>27, 84<br>28, 74<br>29, 88<br>30, 06<br>29, 98<br>20, 27<br>20, 32<br>27, 59<br>28, 23<br>27, 59<br>26, 90<br>27, 59<br>28, 23<br>27, 59<br>28, 24<br>28, 28, 28, 28, 28, 28, 28, 28, 28, 28, |         | 25, 60<br>25, 16<br>24, 78<br>24, 14<br>24, 178<br>25, 78<br>25, 78<br>27, 85<br>27, 85<br>28, 74<br>29, 87<br>29, 87<br>29, 78<br>29, 78<br>29, 78<br>29, 78<br>29, 78<br>20, 78<br>20, 78<br>21, 30<br>21, 30<br>2 | -  | 27, 96<br>27, 03<br>26, 35<br>25, 70<br>25, 15<br>26, 53<br>32, 10<br>20, 00   | 26, 30<br>25, 81<br>25, 81<br>25, 67<br>24, 67<br>24, 67<br>24, 64<br>27, 24, 04<br>26, 58<br>29, 16<br>30, 05<br>30, 98<br>30, 98<br>30, 28<br>30, 28<br>30, 28<br>30, 27, 49<br>26, 49<br>27, 47<br>31, 70<br>31, 70<br>31, 70<br>31, 70<br>31, 70  |  | 29, 77<br>30, 09<br>30, 15<br>30, 05<br>27, 74<br>28, 57<br>27, 28<br>26, 72<br>27, 04<br>31, 80   | 25, 12<br>24, 71<br>24, 26<br>23, 95<br>23, 62<br>23, 28<br>22, 29<br>22, 28<br>22, 29<br>24, 15<br>25, 42<br>26, 41<br>27, 14<br>28, 37<br>28, 49<br>28, 51<br>28, 49<br>28, 12<br>27, 79<br>26, 69<br>27, 21<br>26, 69<br>27, 12<br>26, 69<br>27, 12<br>26, 69<br>27, 12<br>27, 14<br>28, 36<br>28, 12<br>27, 79<br>27, 21<br>26, 69<br>27, 12<br>27, 14<br>28, 36<br>28, 12<br>27, 79<br>27, 21<br>26, 69<br>27, 12<br>27, 14<br>28, 36<br>28, 12<br>27, 79<br>27, 21<br>26, 69<br>27, 12<br>27, 14<br>28, 13<br>28, 14<br>28, 14<br>28, 15<br>28, 15<br>28 |   |  |  |
|   |  | <u> </u>   | <del> </del>   | <u> </u>   |  
  |  | <u> </u>   | ł<br>  
   |  | <br>=- ^- = - <sup>-</sup> *   | May,  
    | <u> </u>  |         |  | <u>                                     </u>   |  |   
   | June.  | <u>!</u>   | I  | <u> </u>   
  |  |  |
| 1 a. m 2 a. nı 3 a. nı 4 a. nı 5 a. m 6 a. m 7 a. m 8 a. m 90 a. m 10 a. m 11 a. m Noon 1 p. m 2 p. m 3 p. m 4 p. m 5 p. m 8 p. m 9 p. m 9 p. m 10 p. m 10 p. m 11 p. m 12 p. m 13 p. m 14 p. m 15 p. m 16 p. m 17 p. m 18 p. m 19 p. m 10 p. m 11 p. m |  | 23, 88 23, 63 24, 36 25, 26 26, 94 27, 92 28, 48 29, 16 29, 73 29, 73 29, 73 29, 74 27, 27 26, 72 26, 78 25, 74 26, 74 26, 74 32, 60 20, 30  | 27, 20<br>26, 71<br>26, 25, 88<br>25, 53<br>25, 53<br>25, 01<br>25, 75<br>26, 75<br>28, 12<br>29, 05<br>20, 03<br>31, 67<br>31, 73<br>31, 40<br>30, 20<br>29, 53<br>28, 92<br>29, 53<br>25, 92<br>27, 75<br>28, 28   | April.  27, 10 26, 27 26, 48 26, 22, 59 25, 79 25, 81 27, 62 28, 54 29, 54 20, 20 30, 41 30, 25 20, 30 41 30, 25 21, 89 22, 88 27, 89 27, 89 28, 35 27, 89 28, 38 A II.  | 26, 72<br>26, 26<br>25, 77<br>25, 17<br>25, 12<br>24, 63<br>24, 56<br>25, 02<br>26, 01<br>27, 07<br>28, 08<br>20, 96<br>30, 18<br>30, 18<br>30, 18<br>30, 18<br>30, 18<br>30, 29, 45<br>28, 89<br>22, 45<br>28, 89<br>22, 45<br>27, 27, 74<br>27, 28<br>27, 50<br>32, 20<br>32, 10<br>41, 10<br>4 | 23, 97<br>23, 64<br>23, 73<br>24, 50<br>25, 51<br>26, 32<br>27, 62<br>27, 62<br>27 | 29. 93<br>59. 85<br>29. 63<br>20. 19<br>28. 80<br>27. 72<br>27. 72<br>26. 78<br>27. 31<br>35. 20   |  | 27, 36<br>28, 17<br>28, 17<br>29, 29<br>20, 34<br>29, 14<br>28, 96<br>28, 36<br>28, 36<br>27, 77<br>27, 39<br>26, 47<br>27, 19<br>32, 20<br>22, 80   | 26, 08<br>25, 80<br>25, 52<br>25, 28<br>25, 27<br>24, 84<br>24, 73<br>25, 26<br>26, 51<br>27, 28, 65<br>28, 65<br>28, 65<br>28, 65<br>27, 64<br>27, 76<br>27, 7    | Niay.  | 26, 32<br>26, 05<br>26, 34<br>31, 00<br>22, 90  |         | 26, 01<br>25, 75<br>25, 49<br>25, 26<br>25, 27<br>24, 72<br>25, 71<br>26, 54<br>27, 28, 64<br>27, 28, 64<br>28, 64<br>28, 64<br>28, 23<br>27, 52<br>27, 75<br>22, 75<br>27, 75<br>26, 88<br>26, 50<br>27, 52<br>27, 75<br>27, 75<br>28, 64<br>28, 23<br>28, 24<br>28, 23<br>28, 23<br>28, 23<br>28, 23<br>28, 23<br>28, 23<br>28, 23<br>28, 23<br>28, 24<br>28, 23<br>28, 28, 28, 28, 28, 28, 28, 28, 28, 28,  |  | 27, 49<br>27, 10<br>26, 74<br>26, 42<br>26, 11<br>26, 85<br>31, 50<br>23, 30   | 29, 33<br>29, 47<br>29, 36<br>29, 16<br>28, 92<br>28, 63<br>27, 49<br>27, 10<br>27, 36<br>31, 40  | 26, 69<br>26, 41<br>26, 09<br>25, 81<br>25, 54<br>25, 34<br>25, 16<br>27, 73<br>28, 46<br>29, 14<br>20, 52<br>29, 51<br>29, 51<br>20, 51<br>20 | 26, 25, 94<br>25, 94<br>25, 63<br>24, 53<br>24, 53<br>24, 53<br>24, 54<br>25, 71<br>26, 52<br>27, 19<br>28, 29<br>28, 23<br>28, 29<br>28, 25<br>27, 92<br>27, 92<br>27, 21, 21, 21, 22, 21, 22, 23, 23, 23, 23, 24, 24, 24, 24, 24, 24, 24, 24, 24, 24   |  | 25, 75<br>25, 75<br>25, 26<br>25, 26<br>25, 26<br>24, 83<br>25, 63<br>25, 63<br>25, 64<br>27, 28<br>28, 69<br>28, 69<br>29, 14<br>29, 14<br>29, 14<br>29, 27, 76<br>27, 76<br>27, 05<br>27, 05<br>22, 80<br>22, 80<br>22, 80<br>22, 80<br>22, 80<br>22, 80<br>22, 80<br>22, 80<br>23, 24, 83<br>24, 83<br>25, 63<br>26, 63<br>27, 76<br>27, 76<br>28, 70<br>28, 80<br>29, 80<br>20, 80<br>2 |  |  |

TABLE 5.— Temperature at La Boca, in degrees centigrade—Continued

			TA	BLE 5.	.— Ten	perat	ure at .	La Bo	ca, in	degree	s centig	rade-	-Conti	nued.							
_				July.							August	-					s	eptemb	er.		
Hours.	1899.	1900.	1901.	1902.	1903.	1904.	Meau.	1899.	1900.	1901.	1902.	1903.	1904.	Mean.	1899.	1900.	1901.	1902.	1903.	1904,	Mean.
1 a. m 2 a. m 3 a. m 4 a. m 5 a. m 6 a. m 7 a. m 8 a. m 10 a. m 11 a. m Noon 1 p. m 2 p. m 3 p. m 4 p. m 5 p. m 6 p. m 7 p. m 8 p. m 9 p. m 10 p. m 11 p. m	24. 33 24.08 23. 85 23. 464 23. 28 23. 42 24. 30 25. 52 26. 83 27. 92 29. 16 29. 31 29. 04 28. 72 27. 51 26. 81 26. 85 25. 52 24. 48	25. 26 24. 99 24. 78 24. 58 24. 41 24. 25 24. 08 24. 30 25. 27 26. 35 27. 32 27. 99 28. 61 28. 75 28. 26 27. 48 27. 48 26. 29 26. 20 25. 20 26. 20 26. 20 27. 40 26. 20 27. 40 26. 20 27. 40 26. 20 27. 40 27. 40 27	26. 64 26. 34 26. 04 25. 80 25. 57 25. 59 26. 05 26. 05 27. 54 28. 10 28. 71 29. 13 29. 13 29. 10 28. 75 28. 54 28. 54 28. 54 28. 37 27. 57 27. 68 27. 54	25. 97 25. 68 25. 38 25. 38 24. 92 24. 80 25. 33 26. 89 27. 58 28. 32 29. 20 29. 20 29. 20 29. 22 29. 26 28. 82 27. 27. 33 26. 88 26. 88 26. 18	25. 81 25. 54 25. 29 25. 07 24. 87 24. 69 24. 51 24. 59 25. 55 26. 33 26. 97 27. 97 28. 04 27. 92 27. 62 27. 62 27. 62 27. 63 26. 64 27. 62 27. 63 27. 64 27. 64 27		25. 60 25. 33 25. 07 24. 465 24. 465 24. 48 24. 90 25. 73 26. 63 27. 45 28. 69 28. 89 28. 85 27. 45 28. 62 28. 63 27. 68 27. 68 27. 68 26. 63 27. 68 27. 68 27. 68 26. 51 26. 51 26. 51 26. 51 26. 51	22. 65 22. 40 22. 17 21. 77 21. 64 21. 71 22. 70 24. 08 25. 36 26. 27 26. 67 26. 79 26. 45 25. 70 24. 86 24. 43 24. 03 24. 03 24. 03 24. 03 24. 03 24. 03 25. 70 26. 27 26. 27 27 28. 27 28. 28 28. 28 28 28 28. 28 28 28 28 28 28 28 28 28 28 28 28 28 2	26. 10 25. 81 25. 55 25. 33 25. 34 24. 94 24. 77 25. 04 26. 11 27. 40 28. 52 29. 18 20. 75 30. 04 22. 47 29. 47 29. 24 27. 48 28. 23 27. 48 27. 48 26. 70 26. 40	26, 54 26, 27 26, 01 25, 79 25, 60 25, 35 25, 26 25, 73 26, 50 27, 43 28, 26 29, 51 29, 51 28, 85 28, 35 28, 35 28, 35 28, 73 27, 39 27, 73 27, 39 26, 77	25. 47 25. 21 24. 96 24. 75 24. 54 24. 33 24. 22 24. 41 25. 79 26. 40 27. 91 28. 02 27. 79 27. 49 27. 49 26. 49 26. 49 27. 79 26. 44 27. 79 26. 44 27. 79 26. 44 27. 80 28. 80 28. 80 29. 80 29. 80 20. 80 20	24. 99 24. 70 24. 44 24. 24 24. 00 23. 81 23. 59 23. 55 25. 27 25. 24 26. 82 26. 82 27. 06 27. 06 27. 06 26. 74 26. 52 25. 93 25. 25 25. 25 25. 25 25. 25 25. 25 25. 25 25. 25 25. 25 25. 25		25. 15 24. 88 24. 63 24. 41 24. 21 24. 01 23. 88 24. 10 24. 85 26. 76 27. 96 28. 21 27. 93 27. 71 27. 13 26. 82 26. 74 27. 13 26. 82 27. 95 27. 95 27. 41 27. 41 27	23. 46 23. 20 22. 98 22. 78 22. 62 22. 46 22. 36 24. 27. 35 26. 45 27. 35 28. 20 28. 03 28. 61 27. 02 26. 54 25. 92 26. 48 26. 48 27. 48 28. 88 28. 8	25. 74 25. 46 25. 23 25. 02 24. 84 24. 60 24. 41 26. 08 27. 35 28. 36 29. 13 28. 69 29. 13 28. 67 28. 27. 88 27. 88 26. 69 26. 69 26. 69 26. 69 27. 88 27. 88 27. 88 27. 88 27. 88 27. 88 27. 88 27. 88 26. 69 26. 69 26. 69 27. 88 27. 88 26. 69 26. 69 26. 69 27. 88 27. 88 26. 69 26. 69 27. 88 27. 88 28. 60 29. 60 20. 6	26. 78 26. 48 26. 23 26. 82 25. 81 25. 60 25. 45 25. 79 26. 50 27. 23 27. 66 28. 41 29. 05 28. 96 28. 78 28. 56 28. 79 28. 56 28. 79 27. 64 27. 32	25. 50 25. 25 24. 99 24. 78 24. 58 24. 28 24. 28 25. 26 27. 04 27. 69 28. 25 28. 14 27. 93 27. 59 27. 59 26. 51 26. 51 26. 51 26. 51 26. 55	24. 91 24. 60 24. 34 24. 12 23. 87 23. 66 23. 45 25. 24 26. 05 26. 82 27. 38 27. 55 27. 49 27. 16 27. 03 26. 86 26. 81 25. 24 27. 25 27. 25 27		25. 27 25. 20 24. 75 24. 54 24. 34 24. 16 23. 99 24. 35 25. 24 27. 77. 11 27. 88 28. 67 28. 67 28. 31 27. 95 27. 68 27. 62 27. 04 26. 26 27. 04 26. 26 27. 62 26. 26 27. 64 26. 26 26. 26 26 26. 26 26 26. 26 26. 26 26. 26 26. 26 26. 26 26. 26
Means	25, 96	26. 31	27. 47	27. 00	26. 35	· · · · · · ·	26, 63	23. 92	26. 85	27. 40	26. 21	25. 44		26.05	24. 99	26, 99	<b>27.4</b> 8	26. 40	25, 66	.:	26. 30
Maximum minimum	32, 90 20, 90	31. 00 22, 70	31, 40 23, 90	32. 40 22. 50	30, 80 22, 60		32, 90 20, 90	30. 90 20. 00	32. 70 22. 20	32, 00 23, 90	30, 80 22, 10	29, 60 22, 30		32. 70 20. 00	32. 50 20, 60	32, 90 22, 20	31. 70 24. 20	30. 90 22, 70	29, 80 22, 30		32.90 20.60
Days of record	25	30	All.	All,	All.		ļ	All.	All.	All.	All.	All.		All.	All.	All.	All,	All.	All.		All.
		<u>:</u>		October	,		-		<u>.                                    </u>	N	ovembe	r,					D	ecembe	r,		
1 a. m 2 a. m 3 a. m 4 a. m 5 a. m 6 a. m 7 a. m 8 a. m 9 a. m 10 a. m 11 a. m Noon 1 p. m 2 p. m 3 p. m 4 p. m 5 p. m 6 p. m 7 a. m 8 a. m 9 a. m 10 a. m 11 a. m Midnight	23, 65 23, 29 23, 03 32, 70 22, 57 22, 38 22, 24 22, 36 24, 60 26, 40 27, 24 26, 50 26, 50 26, 22 25, 60 26, 22 25, 23 24, 93 24, 93 24, 25 23, 90	25. 06 24. 78 24. 56 24. 30 24. 11 23. 96 23. 84 24. 40 25. 47 26. 74 27. 73 28. 63 29. 21 29. 03 28. 71 29. 26 26. 49 27. 54 27. 54 26. 49 26. 49 26. 76 26. 49 26. 76 26. 49 26. 76 26. 49	25. 80 25. 36 25. 35 25. 15 24. 96 24. 75 24. 69 24. 97 25. 87 26. 86 27. 48 27. 96 27. 92 27. 48 27. 92 27. 48 27. 92 27. 48 27. 29 27. 48 27. 29 27. 29 27. 68 26. 83 26. 83 26. 83 26. 83	24. 91 24. 66 24. 39 24. 16 23. 93 23. 67 23. 75 24. 59 25. 64 26. 60 27. 83 27. 83 27. 85 27. 62 27. 38 26. 80 26. 11 25. 48 25. 48 25. 48 25. 48 25. 48 26. 50 26. 11	25. 20 24. 85 24. 85 24. 32 24. 32 23. 86 23. 63 24. 38 26. 26 27. 64 27. 83 27. 65 27. 27 27. 21 27. 63 26. 46 26. 46 26. 81 26. 81 26. 81 26. 81 26. 81		24, 13 23, 93 23, 72 23, 56 23, 82 24, 80 25, 83 26, 73 27, 45 28, 03 28, 15 27, 96 27, 72 27, 39 27, 10	23, 73 23, 47 23, 24 23, 00 22, 64 22, 45 22, 45 22, 45 22, 56 26, 45 27, 61 27, 71 27, 24 26, 68 25, 62 25, 16 25, 16 25, 16 26, 12 27, 24 24, 42 24, 42 24, 42 24, 42 24, 42	25, 19 24, 92 24, 64 24, 42 24, 20 24, 02 23, 77 26, 38 24, 25 27, 68 28, 29 27, 78 28, 26 28, 26 27, 73 27, 74 26, 39 27, 54	25. 41 25. 25 25. 08 24. 93 24. 75 24. 65 24. 61 25. 46 26. 71 27. 50 27. 70 27. 70 27. 63 27. 26 6. 38 26. 38 26. 38 26. 38 26. 38 26. 38 26. 38 26. 38	24. 91 24. 64 24. 43 24. 29 23. 99 23. 83 23. 76 24. 04 24. 78 25. 59 26. 28 27. 64 27. 92 27. 92 27. 55 27. 63 27. 53 26. 28 27. 31 26. 95 26. 28 25. 56 25. 56 25. 56 25. 56 25. 56 25. 56	24. 23 24. 01 23. 81 23. 52 23. 33 23. 11 23. 16 23. 43 24. 39 25. 08 25. 08 26. 33 26. 29 25. 56 25. 56 25. 56 25. 56 25. 15 24. 39 25. 44 24. 39		24. 69 24. 46 24. 24 24. 04 23. 69 23. 69 24. 31 25. 24 26. 68 27. 22 27. 59 27. 49 27. 22 26. 69 26. 69 25. 93 25. 24. 98 25. 24. 98	23. 77 23. 32 22. 99 22. 63 22. 37 22. 14 21. 91 23. 13 24. 79 26. 27 27. 41 28. 30 28. 82 29. 05 29. 05 29. 26. 39 27. 29. 24. 29. 29. 29. 29. 29. 29. 29. 29. 29. 29	26. 12 25. 74 25. 74 25. 07 24. 48 24. 24 24. 30 24. 87 25. 78 26. 66 27. 25 27. 25 28. 04 29. 19 29. 22 29. 07 28. 80 27. 25 28. 60 27. 25 29. 07 28. 60 29. 22 29. 07 28. 60 27. 25 28. 60 29. 22 29. 60 28. 60 27. 60 28. 60 29. 20 28. 60 29. 20 28. 60 29. 20 28. 60 29. 20 28. 60 29. 20 28. 60 29. 20 28. 60 29. 20 29. 20 20 20. 20 20 20 20 20 20 20 20 20 20 20 20 20 2	26. 32 26. 08 25. 68 25. 45 25. 23 25. 21 26. 10 27. 85 28. 52 29. 45 29. 43 29. 29 29. 29 29. 20 28. 79 27. 66 27. 21 26. 87 26. 87 26. 88	25. 33 24. 97 24. 55 24. 21 23. 81 23. 55 23. 47 23. 92 24. 88 26. 97 26. 99 27. 85 29. 00 29. 17 29. 03 27. 67 27. 67 27. 67 27. 67 26. 68	24. 27 23. 98 23. 70 23. 49 23. 25 25. 20 22. 84 23. 27 25. 71 26. 79 26. 79 26. 79 26. 49 26. 35 26. 26 26. 26. 26 26. 2		25. 16 24. 81 24. 46 22. 17 23. 90 23. 46 23. 55 24. 29 25. 36 27. 18 27. 93 28. 45 28. 45 28. 40 28. 45 27. 63 27. 63 27. 63 27. 63 27. 66 27. 66 27
Means	<b>24.6</b> 8	26, 35	26. 56	25. 78	25, 84	· · · · · · · ·	25, 85	24, 92	26. 04	26. 16	25, 84	24. 76		25. 54	25. 50	26, 84	27. 23	26. 37	24, 92		26. 17
Maximum Minimum	30, 10 21, 00		31. 20 23. 40	30, 00 21, 50	29. 80 21, 50		31. 20 21. 00	31. 20 20. 60	31. 20 22. 10	30, 00 23, 10	30, 80 22, 00	$28,90 \\ 21,80$		31. 20 20. 60	31. 40 20. 10	31.50 22.80	32. 00 23. 00	31. 00 22. 00	29, 30 22, 10		32, 00 20, 10

Table 6.—Barometric pressure at Alhajuela, in millimeters. Height above mean tide, 143.4 feet; instrumental correction, —5.65 millimeters.

24 All. All. All. ..... All. All. All.

All. All. All.

			January	۲.			February.								March.							
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Midnight	61. 10	61. 70	59, 90	60, 55 59, 62	59. 15 58. 36	60. 48		61.00	61. 30	61, 00	60. 30 59. 25	59, 24	60. 57		60. 80	61, 30 60, 20	60. 30 59. 20	60. 58 59. 29	59. 12 58. 05	60. 49 59. 4		
Maximum	63, 40 57, 90	63. 40 57. 30	61. 90		62. 10 55. 00	64, 80 55, 00		64, 90 58, 00	63, 60 56, 10 All.	63, 00 55, 10	62. 40 55. 30	60, 50 54, 60	64, 90 54, 00		63, 80 56, 00	63, 60 56, 10 All.	62, 90 55, 10 All.	63, 00 54, 20	61. 00 54. 60	63. 80 54. 20		

## MONTHLY WEATHER REVIEW.

TABLE 6.—Barometric pressure at Alhajuela, in millimeters, etc.—Continued.

	T						288ure	re at Alhajuela, in millimeters, etc.—Continu								ued.						
Hours.				April.							May.							June.				
Hours.	1899.	1900.	1901.	1902.	1903,	1904.	Mean.	1899.	1900.	1901.	1902.	1908.	1904.	Mean.	1899.	1900.	1901.	1902.	1903.	1904.	Mean.	
1 a. m	• • • • • • • •	760. 00 59. 70 59. 50 59. 50 60. 60 60. 60 60. 60 60. 60 60. 80 60. 60 59. 90 58. 90 58. 70 58. 80 59. 10 60. 60 60. 60 60. 60 60. 60 60. 60 60. 60 60. 60 60. 60	760. 00 59. 80 59. 60 59. 80 60. 20 60. 60. 70 60. 40 59. 70 59. 10 58. 50 57. 80 57. 90 58. 40 58. 90 59. 90 60. 10	759, 40 59, 10 58, 70 58, 80 59, 90 59, 30 59, 80 59, 90 60, 90 59, 90 59, 40 58, 90 57, 10 57, 20 57, 20 57, 60 58, 20 58, 60 59, 40 59, 40 59, 40 59, 60 59, 60 59, 60	759. 72 59. 49 59. 36 59. 41 59. 00 59. 90 60. 34 60. 03 59. 28 57. 21 56. 62 56. 21 56. 33 57. 56 58. 38 59. 58 59. 58 59. 58 59. 58	757. 89 57. 84 57. 81 57. 71 57. 71 57. 72 57. 79 58. 03 58. 03 58. 07 57. 92 57. 75 56. 51 56. 51 56. 54 57. 75 57. 30 57. 75 57. 75 5	759, 40 59, 18 58, 99 59, 02 59, 14 59, 42 59, 73 59, 93 59, 93 59, 93 59, 93 58, 59 57, 17 77, 03 57, 15 57, 15 57, 15 58, 60 59, 40 59, 40 50 50 50 50 50 50 50 50 50 5		59, 70 59, 60 59, 60 59, 90 60, 10 60, 60 60, 60 60, 60 60, 20 59, 80 59, 40 59, 10 59, 10 59, 10 59, 10 59, 10 60, 20 60, 20 60 60, 20 60, 20 60 60, 20 60, 20 60	759, 80 59, 50 59, 40 59, 70 60, 10 60, 50 60, 50 60, 50 60, 50 58, 20 58, 20 58, 20 58, 20 58, 20 58, 20 58, 20 60, 50 60, 5		759. 67 759. 53 59. 53 59. 53 59. 83 60. 12 60. 37 60. 16 59. 80 59. 25 58. 06 57. 72 56. 427 57. 71 58. 22 58. 83 59. 34 59. 95 60. 16		759. 86 759. 64 59. 54 59. 771 60. 04 60. 39 60. 29 60. 39 60. 29 58. 24 58. 21 58. 21 58. 34 59. 18 59. 65 60. 15 60. 15 60. 09		760, 60 60, 30 60, 10 60, 10 60, 10 60, 20 60, 50 60, 70 60, 90 60, 70 60, 40 60, 20 59, 40 59, 40 59, 40 59, 40 60, 60, 60 60, 60, 60 60, 60, 60 60, 80 60, 80 60, 80 60, 80	750, 90 59, 70 59, 50 59, 50 60, 20 60, 40 60, 10 59, 70 59, 10 58, 70 58, 10 58, 30 58, 30 58, 30 59, 60 60, 00 60, 10 60, 10 60, 10 60, 10	759, 00 758, 80 758, 70 758, 70 758, 70 759, 40 759, 40 759, 40 759, 20 757, 60 757, 60 757, 60 757, 20 757, 60 757, 6	760, 05 59, 86 59, 77 59, 86 60, 16 60, 16 60, 44 60, 15 59, 73 59, 05 58, 62 57, 77 57, 44 57, 70 58, 12 58, 73 59, 24 59, 70 60, 11 60, 25 60, 25		759, 89 59, 66 59, 52 59, 64 59, 89 60, 18 60, 24 60, 24 59, 73 59, 21 58, 83 58, 47 57, 97 57, 97 57, 96 58, 53 59, 41 59, 98 60, 08 60, 09 60, 09	
Means	· · · · · · ·	59. 90	59. 10	58, 70	58.65	57. 47	58, 78		59, <b>9</b> 0	59, 40	 	59. 23		59, 51	ļ 	60, 30	59. 40	58. 40	59. 28		59, 33	
Maximum Minimum	· · · · · ·	63, 00 56, 30	62, 50 55, 20	61, 80 55, 50	62, 00 53, 80	60, 00 54, 00	63, 00 53, 80		63, 80 57, 00	62, 00 56, 00	` 	62, 00 55, 60		63, 80 55, 60		63, 00 57, 80	62, 00 56, 20	61.00 54.90	62, 80 55, 50		63, 00 54, 90	
Days of record	· · · · · · ·	20	All.	17	All.	26		 	All.	All.		All.		All.		All.	All.	20	All.	ļ		
				July.						_	August							eptembe	er.			
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